Claims:

(Currently Amended) A process for preparing a compound of formula (I):

$$(Q^2) = \begin{pmatrix} R^2 & S & R^1 & I \\ & & & & \\ Q^2 & & & & \\ Q^1 & & & & \\ \end{pmatrix}$$

wherein:

R¹ is selected from the group consisting of H, alkyl, alkenyl, alkynyl,

 $-C(O)R^7$, $-CO_2R^7$, $-C(O)NR^7R^8$, $-C(O)N(R^7)OR^8$, $-C(O)N(R^7)-R^2-OR^8$,

-C(O)N(R7)-Ph, -C(O)N(R7)-R2-Ph, -C(O)N(R7)C(O)R8,

 $-C(O)N(R^7)CO_2R^8, -C(O)N(R^7)C(O)NR^7R^8, -C(O)N(R^7)S(O)_2R^8, \\$

 $-R^2-OR^7$, $-R^2-O-C(O)R^7$, $-C(S)R^7$, $-C(S)NR^7R^8$, $-C(S)N(R^7)-Ph$,

-C(S)N(R7)-R2-Ph, -R2-SR7, -C(=NR7)NR7R8, -C(=NR7)N(R8)-Ph,

 $-C(=NR^7)N(R^8)-R^2-Ph, -R^2-NR^7R^8, -CN, -OR^7, -S(O)_!R^7, -S(O)_2NR^7R^8,$

 $-S(O)_2N(R^7)$ -Ph, $-S(O)_2N(R^7)$ -R²-Ph, $-NR^7R^8$, $N(R^7)$ -Ph, $-N(R^7)$ -R²-Ph, $-N(R^7)$ -SO₂R⁸ and Het:

Ph is phenyl optionally substituted from 1 to 3 times with a substituent selected from the group consisting of halo, alkyl, -OH, -R²-OH,

-O-alkyl, -R²-O-alkyl, -NH₂, -N(H)alkyl, -N(alkyl)₂, -CN and -N₃;

Het is a 5-7 membered heterocycle having 1, 2, 3 or 4 heteroatoms selected from N, O and S, or a 5-6 membered heteroaryl having 1, 2, 3 or 4 heteroatoms selected from N, O and S, each optionally substituted from 1 to 2 times with a substitutent selected from the group consisting of halo, alkyl, oxo, -OH, -R²-OH, -O-alkyl, -R²-O-alkyl, -NH₂, -N(H)alkyl, -N(alkyl)₂, -CN and -N₃;

 Q^{\dagger} is a group of formula: $-(R^2)_a-(Y^1)_b-(R^2)_c-R^3$

 a, b and c are the same or different and are each independently 0 or 1 and at least one of a or b is 1;

n is 0, 1, 2, 3 or 4;

 Q^2 is a group of formula: $-(R^2)_{aa}-(Y^2)_{bb}-(R^2)_{cc}-R^4$

or two adjacent Q^2 groups are selected from the group consisting of alkyl, alkenyl, $-OR^7$, $-S(O)_iR^7$ and $-NR^7R^8$ and together with the carbon atoms to which they are bound, they form a C_{5-6} cycloalkyl,

C₅₋₆cycloalkenyl, phenyl, 5-7 membered heterocycle having 1 or 2 heteroatoms selected from N, O and S, or 5-6 membered heteroaryl having 1 or 2 heteroatoms selected from N. O and S:

aa, bb and cc are the same or different and are each independently 0 or 1; each Y¹ and Y² is the same or different and is independently selected from

the group consisting of $-O^-$, $-S(O)_\Gamma$, $-N(R^7)_\Gamma$, $-C(O)_-$, $-OC(O)_-$, $-CO_2^-$, $-C(O)N(R^7)_\Gamma$, $-C(O)N(R^7)S(O)_2^-$, $-C(O)N(R^7)_\Gamma$, $-OS(O)_2^-$, $-S(O)_2N(R^7)_\Gamma$, $-S(O)_2N(R^7)C(O)_\Gamma$, $-N(R^7)S(O)_2^-$, $-N(R^7)C(O)_\Gamma$, $-N(R^7)CO_2^-$ and $-N(R^7)C(O)N(R^7)^-$;

each R² is the same or different and is independently selected from the group consisting of alkylene, alkenylene and alkynylene;

each R³ and R⁴ is the same or different and is each independently selected from the group consisting of H, halo, alkyl, alkenyl, alkynyl, -C(O)R², -C(O)NR²R³, -C(-NR²)R³, -C(=NR²)R³, -C(=NR²)NR²R³, -C(=NR²)NR², -NR², -NR

$$A \longrightarrow ((R^2)_d - R^6)_e$$

wherein:

Ring A is selected from the group consisting of C₅₋₁₀cycloalkyl, C₅₋₁₀cycloalkenyl, aryl, 5-10 membered heterocycle having 1, 2 or 3 heteroatoms selected from N, O and S and 5-10 membered heteroaryl having 1, 2 or 3 heteroatoms selected from N, O and S

each d is 0 or 1; e is 0, 1, 2, 3 or 4;

each R⁶ is the same or different and is independently selected from the group consisting of H, halo, alkyl, alkenyl, alkynyl, cycloalkenyl, cycloalkenyl, Ph, Het, -CH(OH)-R²-OH, -C(O)R⁷, -CO₂R⁷, -CO₂R₂-Ph, -CO₂R²-Het, -C(O)NR⁷R⁸, -C(O)N(R⁷)C(O)R⁷, -C(O)N(R⁷)CO₂R⁷, -C(O)N(R⁷)CO₃R⁷, -

-C(O)N(R7)S(O)2R7, -C(S)R7, -C(S)NR7R8, -C(=NR7)R8, -C(=NR7)NR7R8, -CR7=N-OR8, =O, -OR7, -OC(O)R7, -OC(O)Ph. -OC(O)Het. -OC(O)NR7R8. -O-R2-S(O)-R7. -S(O)₂R⁷, -S(O)₂NR⁷R⁸, -S(O)₂Ph, -S(O)₂Het, -NR⁷R⁸, -N(R7)C(O)R8, -N(R7)CO2R8, -N(R7)-R2-CO2R8, -N(R7)C(O)NR7R8, -N(R7)-R2-C(O)NR7R8, -N(R7)C(O)Ph. -N(R7)C(O)Het. -N(R7)Ph. -N(R7)Het. -N(R7)C(O)NR7-R2-NR7R8, -N(R7)C(O)N(R7)Ph. -N(R7)C(O)N(R7)Het, -N(R7)C(O)N(R7)-R2-Het. -N(R7)S(O)₂R8, -N(R7)-R2-S(O)₂R8, -NO₂, -CN and -N₃; wherein when Q1 is defined where h is 1 and c is 0. R3 is not halo. -C(O)R7, -C(O)NR7R8, -CO2R7, -C(S)R7, -C(S)NR7R8, -C(=NR7)R8, -C(=NR7)NR7R8, -CR7=N-OR7, -OR7, -S(O),R7, -S(O),NR7R8, -NR7R8, -N(R7)C(O)R8, -N(R7)S(O)₂R8, -NO₂, -CN or -N₂; wherein when Q2 is defined where bb is 1 and cc is 0. R4 is not halo. -C(O)R7, -C(O)NR7R8, -CO2R7, -C(S)R7, -C(S)NR7R8, -C(=NR7)R8, -C(=NR7)NR7R8. -CR7=N-OR7. -OR7. -S(O)₆R7, -S(O)₂NR7R8, -NR7R8, -N(R7)C(O)R8, -N(R7)S(O)2R8, -NO2, -CN or -N3; R5 is selected from the group consisting of H, halo, alkyl, cycloalkyl, -OR7, -S(O)₁R7, -NR7R8, -NHC(O)R7, -NHC(O)NR7R8 and -NHS(O)₂R7; f is 0, 1 or 2; and each R7 and each R8 are the same or different and are each independently selected from the group consisting of H. alkyl, alkenyl, alkynyl, cycloalkyl and cycloalkenyl:

said process comprising the steps of reacting one equivalent of a compound of formula (III):

$$(Q^2)_n$$
 R^5 III

or an acid addition salt thereof,

with one equivalent of a compound of formula (IV):

wherein R¹⁰ is selected from alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl and suitable carboxylic acid protecting groups;

in the presence of a base additive <u>selected from sodium bicarbonate, triethylamine,</u> sodium acetate, *N*-methylimidazole, pyridine and *N*-methylbenzimidazole.

- (Cancelled)
- (original) The process according to claim 1, wherein said base additive is sodium bicarbonate.
- (original) The process according to claim 1, wherein said base additive is N-methylimidazole.
- (original) The process according to claim 1, wherein said reaction is carried out in an inert solvent.
- 6. (original) The process according to claim 5, wherein said inert solvent is chloroform or a mixture of chloroform and acetic acid.
- (Currently Amended) The process according to claim 1 further comprising the step of converting the compound of formula (I) to a pharmaceutically acceptable salt salt, or solvate or physiologically functional derivative thereof.

8. (Currently Amended) The process according to claim 1 further comprising the step of converting the compound of formula (I) or a pharmaceutically acceptable salt, or solvate er-physiologically-functional-derivative thereof to a different compound of formula (I) or a pharmaceutically acceptable salt, or solvate er-physiologically functional derivative thereof.